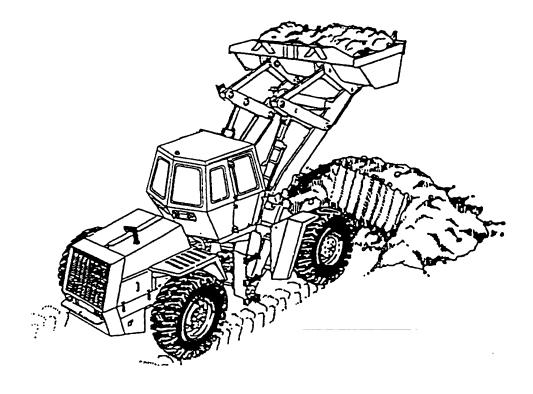
CLK 5YD



SYSTEM IDENTIFIERS												
NOMENCLATURE:	Loader, Scoop Type, Diesel Engine Driven, 5 Cubic Yard, General Purpose (GP) Bucket											
SSN:	R03902											
LIN:	L76321											
NSN:	3805-01-052-9043											
AMIM NO:												
EIC:	EFS											
FUEL TYPE:	JP-8											

SYSTEM DESCRIPTION

The Clark (CLK) 5 Yard scoop loader performs horizontal and vertical construction tasks. The scoop loader has four wheel drive with rear axle oscillation and articulated frame steering. The hydraulically operated scoop bucket is attached to the front of the loader by a push frame and lift arms. Loaders are usually equipped with a one piece general purpose bucket, a rock bucket or multipurpose (hinged jaw) bucket.

There are no separately authorized components associated with this weapon/materiel system.

CLK 5YD

LIN NSN NOMENCLATURE

This summary provides an overview of FY 95 Total Army operating and support costs and other information for the weapon system. Average cost per system is displayed so the data can be used in performing analytical and cost studies. Average costs are calculated using the end item's density. NET REPARABLES represent the cost with the Major Subordinate Command (MSC) specific credit rates applied (detailed in Section 1 - Overview).

CLK 5YD FY 95 TOTAL ARMY COST SUMMARY (FY 95 Constant Dollars)

90

DENSIT	Y
---------------	---

NUMBER OF SYSTEMS

DEPOT END ITEM MAINTENANCE (5.061)

OMA TOTAL \$0
QUANTITY COMPLETED 0
AVG COST/END ITEM \$0.00

PROC (MODIFICATIONS) \$0

CLASS III-POL (5.05)

NOT AVAILABLE

DEPOT SECONDARY ITEM MAINTENANCE

DBOF TOTAL \$0
QUANTITY COMPLETED 0
AVG COST/SECONDARY ITEM \$0.00

CLASS V-AMMUNITION (2.11)

NOT APPLICABLE

INTERMEDIATE MAINTENANCE

 DS/GS
 CIVILIAN

 MIL/CIV LABOR COST
 \$16,098
 \$3,820

 AVG COST/SYSTEM
 \$178.87
 \$545.71

 MAINTENANCE MANHOURS
 948
 179

 MMHs/SYSTEM
 10.53
 25.57

CLASS IX MATERIEL-PARTS (5.04/5.03)

 FY 95
 AVG COST

 DOLLARS
 PER SYSTEM

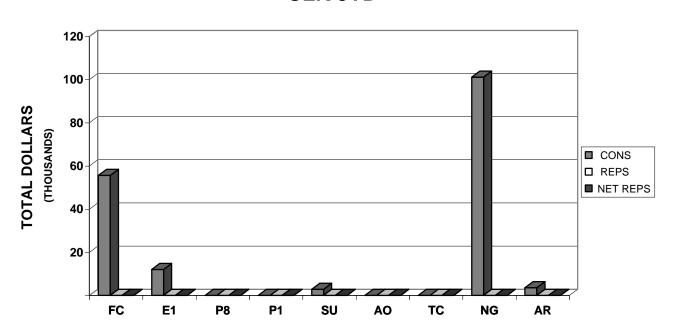
 CONSUMABLES
 \$175,339
 \$1,948.21

 NET REPARABLES
 \$0
 \$0.00

 NET TOTAL COSTS
 \$175,339
 \$1,948.21

The following graph and table display FY 95 Class IX costs for consumables (CONS), reparables, (REPS), and net reparables (NET REPS) by MACOM. CONS and REPS are the total costs of requisitions recorded in the Logistic Intelligence File (LIF). NET REPS are the cost to the customer in the field and are calculated by applying an MSC-specific credit rate at the NSN level. TOTAL ARMY (TA) costs are the summation of costs across all MACOMs in the table. NET TOTAL COSTS are the sums of the costs of CONS and NET REPS. NUMBER OF SYSTEMS is the density recorded in the Continuing Balance System - Expanded (CBS-X). AVG PER SYSTEM costs are calculated by dividing the costs in NET TOTAL COSTS by the number of systems for each MACOM.

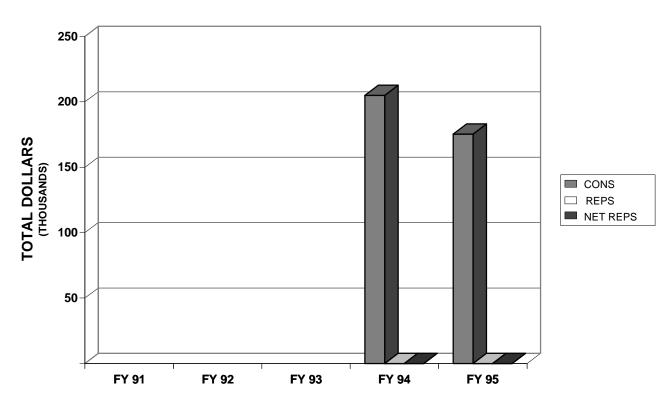
CLK 5YD



	CLK 5YD													
FY 95 MACOM CLASS IX COSTS														
	MACOM NET NET TOTAL NUMBER OF AVG PER													
CODE	NAME	CONS	REPS	REPS	COSTS	SYSTEMS	SYSTEMS							
FC	FORSCOM	55,612	0	0	55,612	7	7,945							
E1	USAREUR	12,113	0	0	12,113	3	4,038							
P8	EUSA	0	0	0	0	0	0							
P1	USARPAC	0	0	0	0	0	0							
SU	USARSO	2,825	0	0	2,825	1	2,825							
AO	USASOC	0	0	0	0	0	0							
TC	TRADOC	0	0	0	0	0	0							
NG	ARNG	101,145	0	0	101,145	41	2,467							
AR	USAR	3,644	0	0	3,644	38	96							
TA	TOTAL ARMY	175,339	0	0	175,339	90	1,948							

The following graph and table display FY 91-95 Class IX costs for consumables (CONS), reparables (REPS) and net reparables (NET REPS) by Total Army. The Total Army costs are a summation of all the MACOMs displayed on the previous page. CONS and REPS are the total costs of requisitions recorded in the Logistic Intelligence File (LIF). NET REPS are the cost to the customer in the field and are calculated by applying an MSC-specific credit rate at the NSN level. NET TOTAL COSTS are the sums of the costs of CONS and NET REPS. NUMBER OF SYSTEMS is the density recorded in the Continuing Balance System - Expanded (CBS-X). AVG PER SYSTEM costs are calculated by dividing the costs in NET TOTAL COSTS by the number of systems in the Total Army for the fiscal year. Blank rows indicate system was not tracked in the OSMIS database during that fiscal year.





	CLK 5YD FIVE YEAR TOTAL ARMY CLASS IX COSTS													
FISCAL			NET	NET	NUMBER OF	AVG PER								
YEAR	CONS	REPS	REPS	TOTAL COSTS	SYSTEMS	SYSTEMS								
FY 91														
FY 92														
FY 93														
FY 94	204,936	0	0	204,936	121	1,694								
FY 95	175,339	0	0	175,339	90	1,948								

The Total Army Class IX costs from the previous pages are broken out by Work Breakdown Structure (WBS) in the following table. The FY 95 WBS Class IX costs for consumables (CONS) and reparables (REPS) are the total cost of requisitions recorded in the Logistic Intelligence File (LIF). The NET REPS are the cost to the customer in the field and are calculated by applying an MSC-specific credit rate at the NSN level. The TOTAL costs are a summation of all the WBS elements displayed in the table. NET TOTAL COSTS are the sum of the costs in CONS and NET REPS. NUMBER OF SYSTEMS is the density recorded in the Continuing Balance System-Expanded (CBS-X). AVG PER SYSTEM costs are calculated by dividing the costs in NET TOTAL COSTS by the total number of systems in the Army.

			CLK 5YI	D			
	FY 95 TOTAL	. ARMY WO			RUCTURE CO	STS	
				NET	NET		AVG PER
WBS	NAME	CONS	REPS	REPS	TOTAL COSTS	SYSTEMS	SYSTEM
01	HULL/FRAME	18,224	0	0	18,224	90	202
02	SUSPENSION/STEER	19,421	0	0	19,421	90	216
03	PWR PKG/DRIVE TR	123,886	0	0	123,886	90	1,377
04	AUXILIARY AUTO	796	0	0	796	90	9
05	TURRET ASSEMBLY	0	0	0	0	0	0
06	FIRE CONTROL	0	0	0	0	0	0
07	ARMAMENT	0	0	0	0	0	0
08	BODY/CAB	0	0	0	0	0	0
09	AUTO LOADING	0	0	0	0	0	0
10	AUTO/REMOTE PILO	0	0	0	0	0	0
11	NBC EQUIPMENT	0	0	0	0	0	0
12	SPECIAL EQUIPMEN	9,109	0	0	9,109	90	101
13	NAVIGATION	0	0	0	0	0	0
14	COMMUNICATIONS	0	0	0	0	0	0
15	VEH APPS SOFTWAR	0	0	0	0	0	0
16	VEH SYST SOFTWAR	0	0	0	0	0	0
17	INTEG, ASSY, TES	0	0	0	0	0	
18	OTHER	3,903	0	0	3,903	90	43
	TOTAL	175,339	0	0	175,339	90	1,948

The following table displays FY 91-95 Class IX costs by Work Breakdown Structure (WBS) for the Total Army. NET TOTAL COSTS are the summation for all the WBS elements displayed on the previous page and are a sum of the costs of CONS and NET REPS. NUMBER OF SYSTEMS is the density recorded in the Continuing Balance System-Expanded (CBS-X). AVG PER SYSTEM costs are calculated by dividing the costs in NET TOTAL COSTS by the total number of systems in the Army for the fiscal year. Blank columns indicate system was not tracked in the OSMIS database during that fiscal year.

	CLK 5YD													
	FIVE YEAR TO	TAL ARMY V		CDOWN STRU	JCTURE COS	TS								
	=	FY 91	FY 92	FY 93	FY 94	FY 95								
		NET TOTAL	NET TOTAL	NET TOTAL	NET TOTAL	NET TOTAL								
WBS	NAME	COSTS	COSTS	COSTS	COSTS	COSTS								
01	HULL/FRAME				17,573	18,224								
02	SUSPENSION/STEER				43,331	19,421								
03	PWR PKG/DRIVE TR				128,749	123,886								
04	AUXILIARY AUTO				880	796								
05	TURRET ASSEMBLY				0	0								
06	FIRE CONTROL				0	0								
07	ARMAMENT				0	0								
80	BODY/CAB				0	0								
09	AUTO LOADING				0	0								
10	AUTO/REMOTE PILO				0	0								
11	NBC EQUIPMENT				0	0								
12	SPECIAL EQUIPMEN				6,366	9,109								
13	NAVIGATION				0	0								
14	COMMUNICATIONS				0	0								
15	VEH APPS SOFTWAR				0	0								
16	VEH SYST SOFTWAR				0	0								
17	INTEG, ASSY, TES				0	0								
18	OTHER				8,037	3,903								
	TOTAL				204,936	175,339								
	NUM OF SYSTEMS				121	90								
	AVG PER SYSTEM				1,694	1,948								

CLK 5YD CONSUMABLES (NON-DLRs)

CLASS IX CONSC	IMABLES (NON-DLRS	5)										FY 94-95
									AVERAGE COST	AVERAGE QUANTITY		EAR AVERAGE
						FY 95 AMDF	FY 95	EXTENDED COST	PER	PER	100	LANAVENAOL
NSN	NOMENCLATURE	WBS	MRC	ARI	MATCAT	UNIT PRICE	QTY	(QTY * UNIT PRICE)	SYSTEM	100 SYSTEMS	QTY	EXTENDED COST
	-						•					
1. 2815010631532	ENGINE, DIESEL	03A	Н		K21IC	34,905.00	1.00	34,905	387.83	1.1111	1.50	52,358
2. 2610010769414	TIRE, PNEUMATIC	02A	0		K21PP	1,671.00	11.54	19,283	214.26	12.8222	18.29	30,563
3. 2530012891714	BRAKE, SHOE TYPE	03Q	Н		J2100	734.70	22.00	16,163	179.59	24.4444	15.00	11,021
4. 2520004319428	TRANSMISSION	03H	Н	1	K21IC	15,560.00	0.75	11,670	129.67	0.8333	0.38	5,835
5. 3040010591508	CYLINDER ASSEMBL	03K	Z		J2200	11,143.53	0.75	8,358	92.87	0.8333	0.88	9,751
6. 2530004336884	MASTER CYLINDER	03Q	Z		J2200	383.61	18.41	7,062	78.47	20.4556	22.36	8,576
7. 3040013269172	CYLINDER ASSEMBL	03K	Н		J2100	2,298.14	3.00	6,894	76.60	3.3333	1.50	3,447
8. 3805012423930	PARTS KIT,BUCKET	12E	Z		J2200	1,212.05	4.00	4,848	53.87	4.4444	3.25	3,939
9. 2940010643916	FILTER ELEMENT,I	03A	В		J2200	112.98	39.66	4,481	49.79	44.0667	32.15	3,632
10. 2930000048359	CORE,RADIATOR	03G	F		J2100	2,163.35	2.00	4,327	48.08	2.2222	1.00	2,163
11. 3805004270528	TIP,TOOTH	12E	Z		J2200	60.30	62.00	3,739	41.54	68.8889	42.00	2,533
12. 2530003499100	COMPRESSOR, RECIP	03Q	F		J2100	705.33	5.30	3,738	41.53	5.8889	4.30	3,033
13. 2530010617380	CYLINDER ASSEMBL	03Q	Z		J2200	180.35	20.00	3,607	40.08	22.2222	15.30	2,759
14. 6140010725608	BATTERY,STORAGE	18	F		Q2100	69.51	46.65	3,243	36.03	51.8333	83.52	5,805
15. 2990010304376	TURBOCHARGER ASS	03A	Н		J2100	1,282.12	2.50	3,205	35.61	2.7778	1.25	1,603
16. 2520010607122	COOLER,FLUID,TRA	03H	Z		J2200	2,768.51	1.00	2,769	30.77	1.1111	1.00	2,769
17. 2940010610763	FILTER ELEMENT,I	03A	В		J2200	60.35	27.66	1,669	18.54	30.7333	23.50	1,418
18. 2520012218888	PARTS KIT,LINEAR	03H	Z		J2200	183.20	9.00	1,649	18.32	10.0000	10.67	1,954
19. 2510012181879	PANEL, ENGINE COM	01A	Z		J2200	273.57	6.00	1,641	18.23	6.6667	7.09	1,938
20. 2920011023520	STARTER,ENGINE,E	03A	Z		J2200	549.01	2.98	1,636	18.18	3.3111	4.87	2,671
21. 2540012849208	LADDER, VEHICLE B	01H	Z		J2200	662.37	2.00	1,325	14.72	2.2222	2.00	1,325
22. 5330010307574	GASKET SET	01A	Z		T2200	315.67	4.00	1,263	14.03	4.4444	3.71	1,170
23. 2530004319217	VALVE,BRAKE PNEU	03Q	Z		J2200	169.19	6.00	1,015	11.28	6.6667	4.00	677
24. 2940010614933	FILTER ELEMENT,F	03A	Z		J2200	15.43	61.60	950	10.56	68.4444	50.55	780
25. 2510012192267	WINDOW, VEHICULAR	01A	Z		J2200	110.18	8.50	937	10.41	9.4444	4.25	468
26. 3040012805034	CONTROL ASSEMBLY	03K	Z		J2200	81.57	10.90	889	9.88	12.1111	7.79	635
27. 2510012188439	PANEL,BODY,VEHIC	01A	Z		J2200	94.58	9.00	851	9.46	10.0000	6.00	567
28. 2940012819405	FILTER ELEMENT,F	03A	Z		J2200	149.48	5.50	822	9.13	6.1111	3.16	472
29. 2540011924707	CUSHION, SEAT BAC	01H	Z		J2200	128.74	5.86	754	8.38	6.5111	4.79	616
30. 2540012571636	ARM, WINDSHIELD W	01H	Z		J2200	105.98	7.00	742	8.24	7.7778	5.00	530
31. 2815007163898	MANIFOLD, EXHAUST	03F	Z		J2200	472.42	1.50	709	7.88	1.6667	1.00	472
32. 2940008910748	FILTER ELEMENT,F	03A	Z		J2200	19.36	33.00	639	7.10	36.6667	35.50	687
33. 2910011129935	NOZZLE,FUEL INJE	03A	Z		J2200	47.22	12.00	567	6.30	13.3333	6.00	283
34. 6620002698493	GAGE,PRESSURE,OI	03E	Z		J2200	80.47	7.00	563	6.26	7.7778	6.67	536
35. 2510012183525	PANEL,BODY,VEHIC	01A	Z		J2200	210.55	2.50	526	5.84	2.7778	3.05	642
36. 2930013059024	CORE,RADIATOR	03G	Z		J2200	182.53	2.80	511	5.68	3.1111	1.90	347
37. 4820002310038	VALVE ASSEMBLY	01A	H		J2100	505.69	1.00	506	5.62	1.1111	0.50	253
38. 5340012772311	CLAMP,LOOP	01A	Z		T2200	60.95	8.25	503	5.59	9.1667	7.13	434
39. 2530008481650	CYLINDER ASSEMBL	03Q	Z Z		J2200	494.63	1.00	495	5.50	1.1111	1.70	841
40. 5330004848753	SEAL	01A			T2200	40.43	12.00	485	5.39	13.3333	11.08	448

NUMBER OF SYSTEMS	90		159,939	91.2%	TOP 40
NOTE: ROWS MAY NOT	CALCULATE DUE TO	ROUNDING	15,400	8.8%	OTHERS
			========		
			175,339		TOTAL

										AVERAGE COST			FY 94-95
									EXTENDED COST	(W/CREDIT)	AVERAGE QUANTITY	TWO '	YEAR AVERAGE
						FY 95AMDF U	INIT PRICE	FY 95	W/CREDIT	PER	PER		EXTENDED COST
NSN	NOMENCLATURE	WBS	MRC	ARI	MATCAT	W/O CREDIT	W/CREDIT	QTY	(QTY * UNIT PRICE)	SYSTEM	100 SYSTEMS	QTY	(W/CREDIT)

NO DATA NO DATA

The following table summarizes FY 95 Depot Maintenance Costs from the Master File Maintenance (MFM). Depot maintenance costs are displayed by cost elements for end item maintenance and secondary item maintenance. The OTHER cost columns represent work categories such as progressive maintenance, renovation, and fabrication/manufacture.

	CLK 5YD FY 95 DEPOT MAINTENANCE COSTS														
COST															
ELEMENTS		MAINT	ENANCE			MAINTENANC	E								
	REPAIR	OVERHAUL	OTHER	MODIFICATION	REPAIR	OVERHAUL	OTHER								
CIVILIAN LABOR	0	0	0	0	0	0	0								
MILITARY LABOR	0	0	0	0	0	0	0								
MATERIEL	0	0	0	0	0	0	0								
OVERHEAD	0	0	0	0	0	0	0								
CONTRACT	0	0	0	0	0	0	0								
OTHER	0	0	0	0	0	0	0								
TOTAL	0	0	0	0	0	0	0								
QTY COMPLETED	0	0	0	0	0	0	0								
AVG COST	0	0	0	0	0	0	0								

The table below summarizes FY 95 Intermediate Maintenance Costs from the Work Order Logistics File (WOLF) data. The labor hours and labor costs for Direct Support/General Support Intermediate Maintenance (DS/GS) and Civilian Maintenance are displayed by MACOM and Total Army. MACOM DS/GS LABOR COSTS are calculated by multiplying MACOM DS/GS LABOR HOURS by the Army Manpower Cost System (AMCOS) E-5 composite standard rate (\$16.98). CIVILIAN LABOR COSTS are a summation from the source data.

	CLK 5YD FY 95 INTERMEDIATE MAINTENANCE COSTS													
DS/GS LABOR DS/GS CIVILIAN CIVILIAN CIVILIAN LA														
MACOM	HOURS	LABOR COSTS	LABOR HOURS*	LABOR COSTS [*]	COST/HOUR									
FORSCOM	14	238	8	133	16.63									
USAREUR	66	1,121												
EUSA	0	0												
USARPAC	0	0												
USARSO	11	187												
USASOC	0	0												
TRADOC	0	0	171	3,687	21.56									
ARNG	711	12,073												
USAR	146	2,479												
TOTAL ARMY	948	16,098	179	3,820	21.34									

^{*}TRADOC LABOR HOURS and LABOR COSTS include contractor hours and costs.

The following table summarizes FY 91-95 Depot Maintenance Costs. The depot maintenance data are recorded in MFM. FY 95 costs are a summation of the cost elements displayed on the previous page. END ITEM OVERHEAD costs were not separately identified prior to FY 92. Blank columns indicate the system was not tracked in the OSMIS database during that fiscal year.

	CLK 5YD FIVE YEAR DEPOT MAINTENANCE COSTS														
COST															
ELEMENTS			MAINTENANC	E				MAINTENANC	<u>E</u>						
	FY 91	FY 92	FY 93	FY 94	FY 95	FY 91	FY 92	FY 93	FY 94	FY 95					
CIVILIAN LABOR				0	0				0	0					
MILITARY LABOR				0	0				0	0					
MATERIEL				0	0				0	0					
OVERHEAD				0	0				0	0					
CONTRACT				0	0				0	0					
OTHER				0	0				0	0					
TOTAL				0	0				0	0					
QTY COMPLETED				0	0				0	0					
AVG COST				0	0				0	0					

The table below summarizes FY 91-95 Intermediate Maintenance Costs from WOLF. The fiscal year total costs for Direct Support/General Support Intermediate Maintenance (DS/GS) and Civilian Maintenance (CIV) are displayed by MACOM and Total Army. MACOM DS/GS labor costs are calculated by multiplying MACOM labor hours by the Army Manpower Cost System (AMCOS) E-5 composite standard rate. DS/GS COST PER HR is the E-5 composite standard rate in FY 95 constant dollars. Civilian labor costs are a summation from the source data. Blank columns indicate the system was not tracked in the OSMIS database during that fiscal year.

CLK 5YD FIVE YEAR INTERMEDIATE MAINTENANCE COSTS											
		DIRECT/	GENERAL S	UPPORT		CIVILIAN					
	11	NTERMEDIA	TE MAINTEN	NACE (DS/GS	S)		MAINTENANCE (CIV)				
MACOM	FY 91	FY 92	FY 93	FY 94	FY 95	FY 91	FY 92	FY 93	FY 94	FY 95	
FORSCOM				51	238				838	133	
USAREUR				0	1,121						
EUSA				0	0						
USARPAC				0	0						
USARSO				0	187						
USASOC				0	0						
TRADOC				0	0				0	3,687	
ARNG				18,697	12,073						
USAR				2,337	2,479						
TOTAL ARMY				21,085	16,098		_		838	3,820	
LABOR HRS				1,236	948				59	179	
COST PER HR				17.06	16.98				14.20	21.34	

The following list shows the FY 95 Secondary Item - Rebuilds/Overhauls Cost Drivers recorded in the Master File Maintenance (MFM). AVG COST TO REBUILD/OVERHAUL is calculated by dividing the costs in FY 95 TOTAL COST TO REBUILD/OVERHAUL by the FY 95 QTY COMPLETED.

CLK 5YD FY 95 DEPOT SECONDARY ITEM MAINTENANCE - REBUILDS/OVERHAULS COST DRIVERS							
NSN	NOMENCLATURE	FY 95 AMDF PRICE	FY 95 TOTAL COST TO REBUILD/ OVERHAUL	FY 95 QTY COMPLETED	AVG COST TO REBUILD/ OVERHAUL		
NSN NOMENCLATURE PRICE OVERHAUL COMPLETED OVERHAUL NO DATA							

The following list shows the FY 95 Secondary Item Maintenance - Repairs Cost Drivers recorded in Master File Maintenance (MFM). AVG COST TO REPAIR is calculated by dividing the costs in FY 95 TOTAL COST TO REPAIR by the FY 95 QTY COMPLETED.

CLK 5YD FY 95 DEPOT SECONDARY ITEM MAINTENANCE - REPAIRS COST DRIVERS							
		FY 95	FY 95	FY 95	AVC 000T		
NSN	NOMENCLATURE	AMDF PRICE	TOTAL COST TO REPAIR	QTY COMPLETED	AVG COST TO REPAIR		
		NO DATA	A				

The following list shows the FY 91-95 Secondary Item - Rebuild/Overhaul Cost Drivers recorded in MFM. These five year Cost Drivers were revised from the previous years' report. AVG COST TO REBUILD/OVERHAUL is calculated by dividing the costs in FY 91-95 TOTAL COST TO REBUILD/OVERHAUL by the FY 91-95 QTY COMPLETED.

CLK 5YD FIVE YEAR DEPOT SECONDARY ITEM MAINTENANCE - REBUILDS/OVERHAULS COST DRIVERS							
NSN	NOMENCLATURE	FY 95 AMDF PRICE	FY 91-95 TOTAL COST TO REBUILD/ OVERHAUL	FY 91-95 QTY COMPLETED	AVG COST TO REBUILD/ OVERHAUL		
		NO DATA					

The following list shows the FY 91-95 Secondary Item - Repair Cost Drivers recorded in MFM. These five year cost drivers were revised from the previous years' report. The AVG COST TO REPAIR is calculated by dividing the costs in FY 91-95 TOTAL COST TO REPAIR by the FY 91-95 QTY COMPLETED.

CLK 5YD FIVE YEAR DEPOT SECONDARY ITEM MAINTENANCE - REPAIRS COST DRIVERS							
		FY 95	FY 91-95	FY 91-95	AVC COST		
NSN	NOMENCLATURE	AMDF PRICE	TOTAL COST TO REPAIR	QTY COMPLETED	AVG COST TO REPAIR		
		NO DATA					















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